



Indiana Pollution Prevention Update January – August 2003

Site Visits, Workshops, and Other Outreach Efforts by CMTI and IDEM

From January to August 2003, the Clean Manufacturing Technology Institute (CMTI) had 215 initial and follow-up phone contacts and 76 in-plant and technical assistance services. CMTI also offered 7 training programs with 69 participants and an additional 14 workshops, seminars and conferences with 306 participants. Further outreach from CMTI includes 3,473 flyers and brochures mailed and 14,483 district hosts served at the CMTI web-site with 75,139 "hits".



From January to August, the IDEM had 53 site visits specific to compliance assistance and pollution and an additional 100 with a focus on recycling. 304 introductory visits were also conducted. IDEM's Office of Pollution Prevention & Technical Assistance offered 11 workshops and presented at several presentations. 1,718 compliance assistance phone calls were taken during this time frame

Coatings Application Research Laboratory

Eleven technology transfer, including CARL, projects occurred during this time period reducing 302 tons (est.) of pollutants by manufacturers, from all activities and saving an estimated \$798,000. For information, see the web at: www.ecn.purdue.edu/CMTI/CARL/ or call 765-463-4749.

ISO 14001 Outreach Efforts

CMTI continues their ISO outreach with 38 ISO14001 EMS initiatives, including 18 gap analyses, 6 pre-registration audits and 14 EMS development meetings with POTWs, Platers and Foundries. For information, see the web at: www.ecn.purdue.edu/CMTI/EMS/EMS or call 765-463-4749.



Indiana Partners for Pollution Prevention

The Partners for Pollution Prevention are hoping to increase membership through personal invitations to past applicants to Governor's Awards for Pollution Prevention Projects. Formally only award winners were invited to join the Partners. The Partners are also encouraging participation of colleges and universities. The Partners have had success with Purdue University's Clean Manufacturing Technology Institute as a member and would like to extend the invitation to other educational institutions. For information, see the web at www.in.gov/idem/oppta/p2/partners/ or contact Bobbi Steiff at 317-233-6662 or rsteiff@dem.state.in.us.

Annual Pollution Prevention Conference Planning

IDEM and the Partners have been busy planning for the 6th Annual Indiana Pollution Prevention Conference and Trade Show. It will be held on October 20th. The annual conference is sponsored by the Indiana Partners for Pollution Prevention (P4P2). This year, the plenary

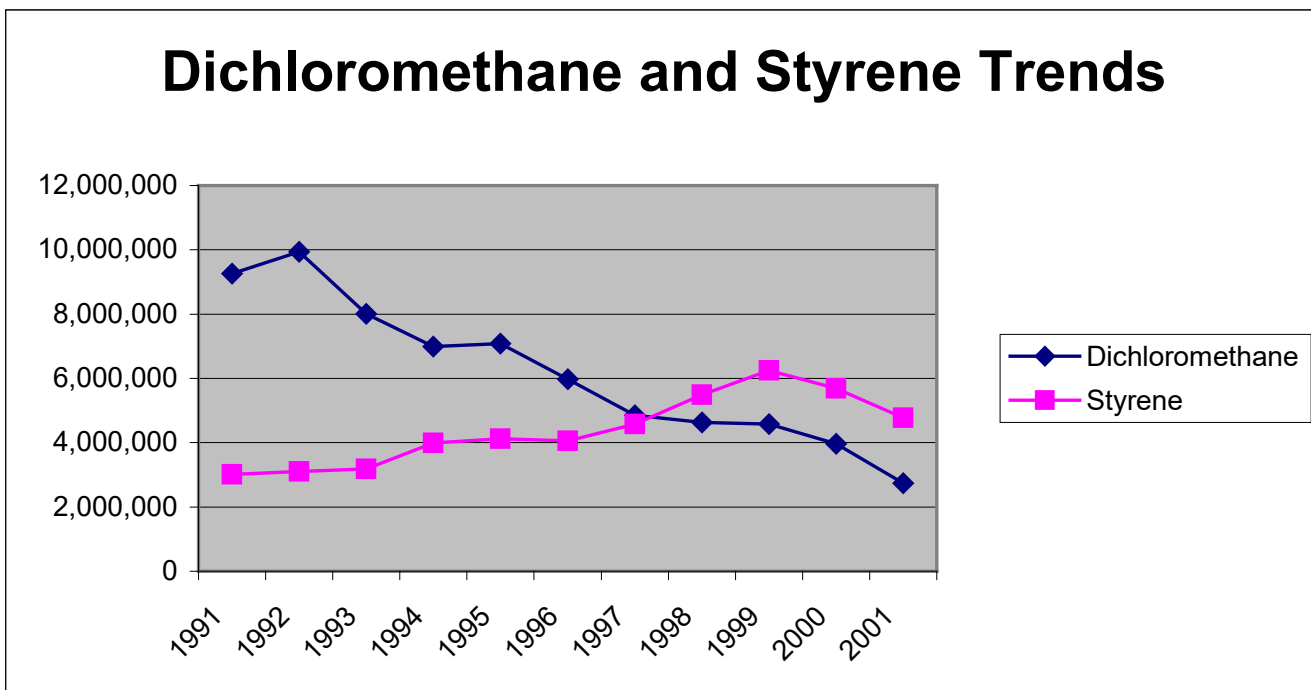
speaker will be Gary Ross, Manager, Environmental Affairs Toyota Motor Manufacturing, North America, Inc. There will be sessions on Waste Minimization, Ozone and nonattainment in Indiana, Industrial Stormwater Pollution Prevention Plans, P2 Audits at Your Facility, Energy Efficiency and Office P2. The Indiana Department of Environmental Management's Commissioner, Lori Kaplan, will speak on the State of Indiana's Environment. For more information, visit the website at www.in.gov/idem/oppta/p2/partners/conference/ or contact Bobbi Steiff at 317-233-6662 or rsteiff@dem.state.in.us.

POTW and Mercury Outreach

In July, IDEM received a PPIS grant from Region V EPA to provide workshops and on-site assistance and training to POTWs through outreach to their local communities in an effort to reduce mercury in the influent and effluent. The Clean Manufacturing Technology Institute, local POTWs, other government representatives and many more have agreed to participate in the stakeholder group. Further outreach could include training on incorporating P2 into pretreatment permits. For information, contact Bobbi Steiff at 317-233-6662 or rsteiff@dem.state.in.us.

Toxic Release Inventory

IDEM's Office of Pollution Prevention & Technical Assistance released the results from the latest Toxic Release Inventory in a press release on June 30, 2003. The release provided data for 2001, which indicated that toxic releases in Indiana dropped by approximately 9% during that year. Although much of the reduction was likely due to a drop in the economy, there were pollution prevention success stories that resulted in lower toxic releases.



For example, in 1997 after it became clear that Indiana releases from polyurethane foam manufacturing were unusually high, IDEM began an outreach program targeting that sector. A stricter federal rule on these types of emissions was adopted after the state outreach began. In 1992, these industries released almost 10 million pounds of dichloromethane. In 2001, those

releases had fallen to fewer than 2.7 million pounds. Additionally, a state rule that includes an option to use pollution prevention technology to reduce styrene releases from the fiber reinforced plastics industry went into effect in March 2001. Through this rule and outreach from the Office of Pollution Prevention and Technical Assistance and the Clean Manufacturing Technology Institute, styrene releases were reduced from about 5.7 million pounds in 2000 to 4.8 million pounds in 2001.

For information, see the web at www.in.gov/idem/oppta/tri/ or contact Karen Teliha at 317-233-5555 or kteliha@dem.state.in.us.

Mercury Dental Program

The Indiana Department of Environmental Management, in partnership with the Indiana Department of Health, the Indiana Dental Association, and the Indiana Solid Waste Management Districts, held an elemental (liquid) mercury sweep for Indiana dentists in early 2003. The sweep collected more than 240 pounds of elemental mercury from 52 dentists around the state. IDEM and its partners have also agreed to work together to create an environmental pledge program for Indiana dentists. The anticipated completion date of the pledge is late 2003. More information can be found at:

<http://www.in.gov/idem/mercury/programs/dentalmercury.html>



Mercury School Pledge and Lab Cleanup

On July 1, 2003, the Indiana Mercury and Mercury Products Law went into effect restricting the sale of mercury-added novelties, thermometers, mercury compounds, and equipment for use in school laboratories, and the general sale of mercury-containing commodities. As a result, many Hoosier schools joined the Indiana Mercury Reduction and Recycling for Schools pledge program in an effort to remove the mercury from their schools. There are currently over 350 Indiana schools in the program. Please visit our web site at:

<http://www.in.gov/idem/kids/mercury/schoolpledge.pdf> to view the pledge. In addition to the school pledge program, IDEM, using EPA funds, provided assistance to 19 Indiana schools to clean up their science chemical closets.

Auto Salvage Facility Sector Project

IDEM recently concluded the compliance assistance phase of its auto salvage facility sector project. This phase consisted of eleven compliance assistance workshops held across the state. Close to two hundred individuals attended these workshops, including facility owners, county agency personnel from health departments and plan commissions and staff from several Solid Waste Management Districts. PowerPoint presentations for each of the topics covered during the workshops, as well as a copy of the compliance assistance manual, can be obtained by visiting the project website at www.IN.gov/idem/autosalvage.

The project is now set to enter the inspection phase, which will consist of conducting multimedia compliance inspections across the state. Enforcement will be taken, as appropriate. It is anticipated that inspections will begin in early September.